

BOOSTER[®]

THE PERFECT SOUND

9" TFT LCD COLOR MONITOR WITH MULTI-MEDIA PLAYER

BM-9055TVUSB



WARNING! HAZARD!
DO NOT OPERATE THIS UNIT UNLESS VEHICLE
IS PARKED IN SAFE AND LEGAL AREA.

User's Manual

TABLE OF CONTENTS

GENERAL INFORMATION.....	1-2
REMOTE CONTROL	3-4
PANEL FUNCTION	5
WIRING DIAGRAM	6
PRODUCT INSTALLED.....	7
BASIC OPERATION.....	8-12
TROUBLE SHOOTING	13
TECHNICAL SPECIFICATIONS	14
ACCESSORIES.....	14

Roofmounting monitor with multi-media player

Please read the manual carefully before using and keep it well for your future reference.

Important instruction for safely:

For your safety, do not turn on, watch or operate the unit while driving. In some countries and regions, it may be against the laws. The product is comprised of many precision electronic components. Self-renovation or disassembling may cause malfunction to the device.

Note:

To reduce the risk of fire or electric shock, do not expose this product to rain or moisture.

High voltage inside! Do not open or dismantle the unit. Do not repair yourself. Refer servicing to qualified personnel.

The product is a laser product. Make sure to read instruction manual before operating.

Do not try to open the covers to avoid direct laser radiation.

When the cover of the unit is opened or the interlocking system gets unlocked, the laser light can be visible. Direct vision of laser beam is hazardous to your eyes.

In order to prolong the life of the unit which has a large scale of integrate circuits and precision pick-up device, Frequent turn ON/OFF might damage the unit. More than 5 seconds interval is required.

LCD may have a few color dots, which is common for the matrix display technology, and doesn't indicate defects or faults.

Precaution

Safety

Please check the voltage in the car as the machine required before playing.

Please hold the plug tightly, and avoid dragging the power cords when insert the plug in or pull out it from the jack.

This machine has laser system which is harmful for the eyes, please do not open the crust. Any repair you need, it is necessary to ask for the specialized personnel.

Roofmounting monitor with multi-media player

Placement

The storage temperature ranges from -30°C to -75°C, operating temperature ranges from -10°C to 55°C.

Please keep the pick-up clean and away the dust. If so, the cleaning disc can help deal with this problem. For detailed operation instructions for cleaning the pick-up, you can consult the user's manual of pick-up cleaning disc.

Do not expose this unit to rain or moisture. Avoid dropping or impact to the unit.

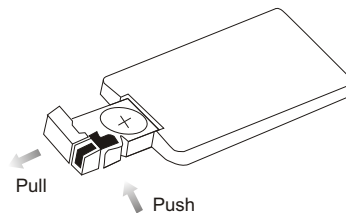
Vapor on convex mirror and trouble shooting

There's liquid on convex mirror in following cases, but it is normal phenomena.

Due to sudden change in temperature and car air-conditioner is turned ON their will be a vapor formation on convex mirror. To de-vaporize it please take out the disc and power ON the unit about one hour.

Please wipe the machine with soft and dry cloth dipped optional washing liquor in case of scratching the screen.

Instructions for remote control (shown as pictures)



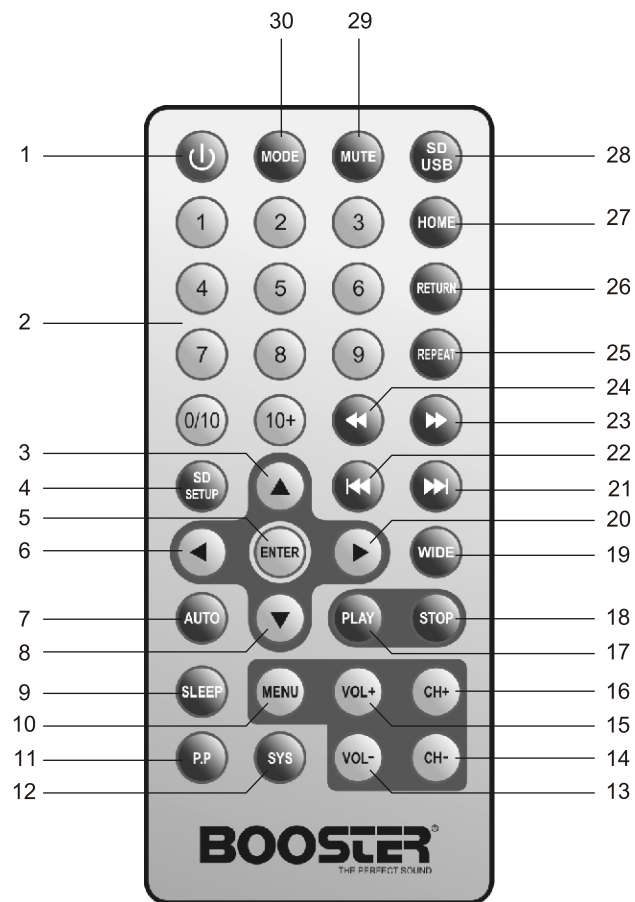
- * Press the catch and at the time pull out the battery tray. Insert the battery, type CR2025 battery with the stamped (+) mark facing upward. Insert the battery tray into the remote control.
- * Direct the remote controller to infrared receiver window of the machine within 60 and 3 meters, without any barriers between them.
- * Commonly, the life-span of the batteries is about one year, always replace the old set of new batteries.
- * Please take out the battery when not using the remote controller for a long time.
- * Please pull out the separation film before when using the remote controller.

Warning:

Store the battery where children cannot reach. Do not recharges, short, disassemble or heat the battery or dispose it in a fire.

Roofmounting monitor with multi-media player

REMOTE CONTROL FUNCTION



Roofmounting monitor with multi-media player

1. POWER button: Press the POWER key to turn the power ON/OFF.
2. NUMBER button: In the SD/USB mode by pressing these button you can directly select the program; In the TV mode, you can directly select the TV channel.
3. UPWARD button: In SD/USB mode, press it to select the menu or program.
4. SETUP button
5. ENTER button
6. LEFTWARD button: Press it to leftward select the menu or program.
7. AUTO button: In the TV mode, press AUTO button, it will automatic search channel.
8. DOWNWARD button: In DVD/SD/USB mode, press it to select down the menu or program.
9. SLEEP button: Time set.
10. MENU button: OSD Menu.
11. P.P button: Image mode.
12. SYS button: TV color system switch.
- 13/15. VOLUME button: Press the button to increase or decrease the volume.
- 14/16. CHANNEL button: In TV mode, press the button to search upwards or downwards the TV channel.
17. PLAY button: Press once, it plays or pause.
18. STOP button: Press STOP for memory stop, press STOP twice to stop playing.
19. WIDE button: 16:9/4:3 display switch.
20. RIGHTWARD button: Press it to rightward select the menu or program.
- 21/22. PREVIOUS/NEXT button.
- 23/24. FAST BACKWARD/FAST FORWARD button.
25. REPEAT button: In the playing mode, press it to perform the repeated playing.
26. RETURN button.
27. HOME: In the SD or USB mode, press it to return the top-level menu.
28. SD/USB button: In the SD/USB media mode, press to switch SD or USB.
29. MUTE button: Press the key to turn on and of the volume output.
30. MODE button: Video switch.

Roofmounting monitor with multi-media player

PANEL FUNCTION DESCRIPTION



1. REMOTE WINDOW
2. POWER BUTTON
3. VOLUME DOWN
4. MENU BUTTON
5. VOLUME UP
6. PLAY/CH- (IN TV MODE ,PRESS TO SELECT DOWN TV CHANNEL)
7. STOP/CH+ (IN TV MODE ,PRESS TO SELECT UP TV CHANNEL)
8. MODE BUTTON
9. ENTER BUTTON
- 10,11. RIGHT/LEFT DIRECTION CURSOR
12. OPEN (PRESS TO FLIP DOWN YOUR SCREEN)
13. LIGHT SWITCH AND TIME ADJUSTMENT
- 14,15. UP/DOWN MENU OR PROGRAM SELECTION
16. RETURN BUTTON

Roofmounting monitor with multi-media player

☀ key: LIGHT SWITCH / TIME ADJUSTMENT

A. Light switch

During initialization mode; Press ☀ shortly to switch on/off light.

B. Time adjustment

During any mode, Press ☀ 3 seconds to enter time adjustment mode.

The HOUR is twinkling, Press ☀ shortly to adjust the correct number

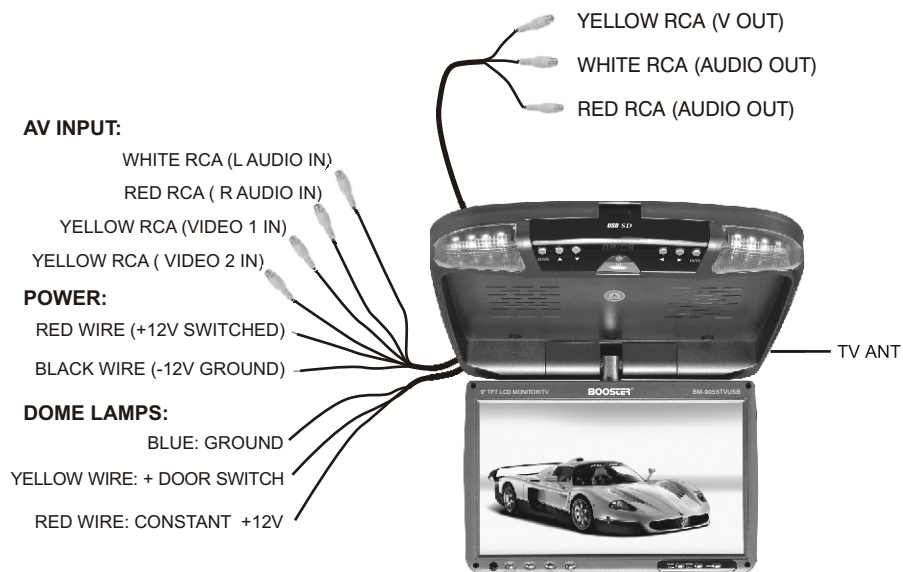
Press ☀ 3 seconds to finish hour adjustment and adjust MINUTE.

The MINUTE is twinkling, Press ☀ shortly to adjust the correct number.

Press ☀ 3 seconds again to finish time adjustment.

Note: This machine is suitable to some types of the car not all types.

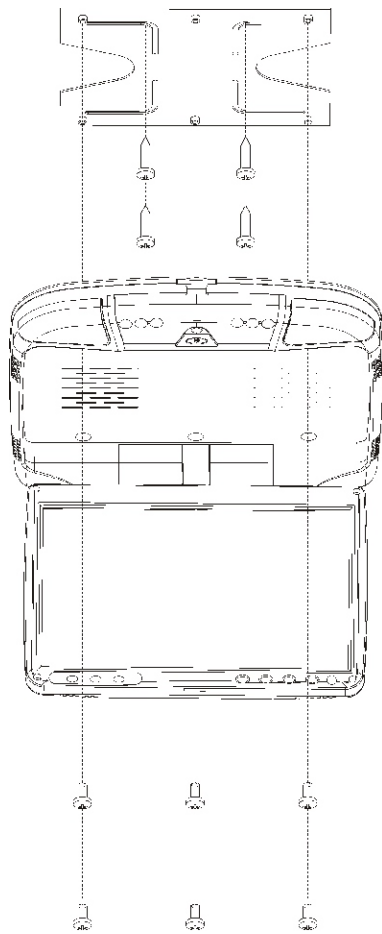
Wiring Diagram



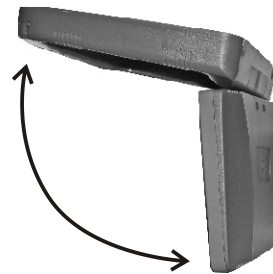
* FOR BETTER UNDERSTANDING ALL WIRES ARE PROPERLY TAGED.

Roofmounting monitor with multi-media player

Product installed



Left-right 360° Rotating



Up-down 105° Flipping

Roofmounting monitor with multi-media player

Features:

1. The display unit has built-in TV tuner.
2. Built-in USB 2.0 host and SD card reader.
3. Built-in wireless FM audio transmitter
4. Built-in IR audio transmitter
5. AV input channel

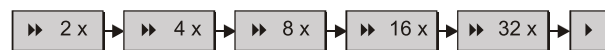
Basic operation

Make sure that you have correctly connected your unit as described earlier in this book. Turn on the power, and insert the SD card or USB disc.

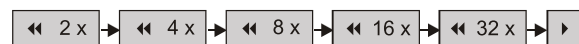
1. press POWER button to turn on (power indicator is off), display is on and player will start loading the SD card or USB disk.
2. while playing the SD card or USB disk, the player will play automatically, or please select one item in the menu.
3. press direction button or the NUMBER button to select the desired item. then press ENTER or PLAY to start.

FAST FORWARD/FAST BACKWARD

while the SD card or USB disk is playing, press FAST FORWARD to play at 2x, 4x, 8x, 16x, 32x speed circularly, shows as following:



press FAST BACKWARD to play at 2x, 4x, 8x, 16x, 32x speed circularly, screen shows as following:



press play to shift to normal playing mode.

PREVIOUS/NEXT

to select previous item or program by pressing PREVIOUS button, to select next item or program by pressing NEXT button.

Roofmounting monitor with multi-media player

HOME/RETURN

while playing the SD card or USB disc.press HOME button to enter into title menu directly,select the desired item by pressing the direction button or number button.
while playing the SD card or USB disc.press RETURN button to return to previous menu,select the desired item by pressing the direction button or number button.

REPEAT

while playing the SD card or USB disc.press REPEAT button for the first time to show"REPEAT ONE"and repeat playing one,press REPEAT button for the second time to show"REPEAT FOLDER"and repeat playing one folder.press REPEAT button for the third time to show"FOLDER"and repeat playing the entire folder.and press REPEAT button to cancel.

SD/USB

insert the SD card or USB disc.press SD/USB button ,when SD card or USB disc found.you can select media and then choose the SD card or USB disc to play.
NOTE:plecse do not use the removable hard disk.this will lead to abnormal working.

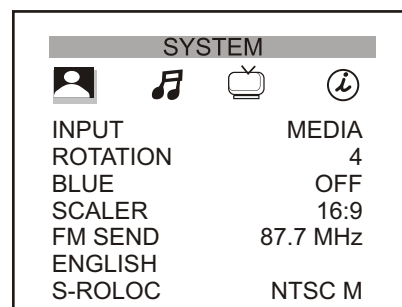
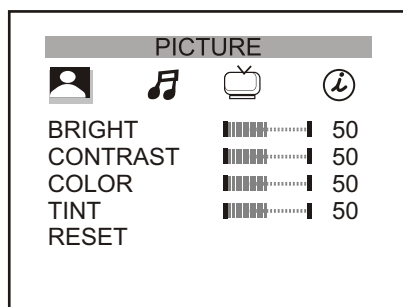
MUTE

press MUTE button one or more to select mute on or mute off.

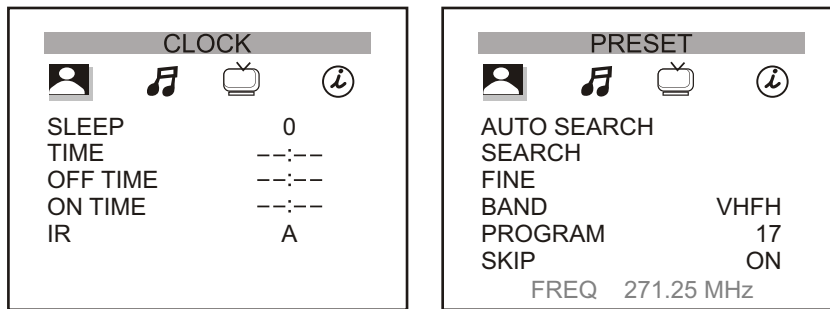
MENU

MENU INNER DISPLAY ITEM

Under the standby.press MENU button the screen show as following:



Roofmounting monitor with multi-media player



Press MENU button and select items which need to be adjusted like brightness contrast ratio, select sub menu by pressing CH+/- . Press VOL+/- to adjust them

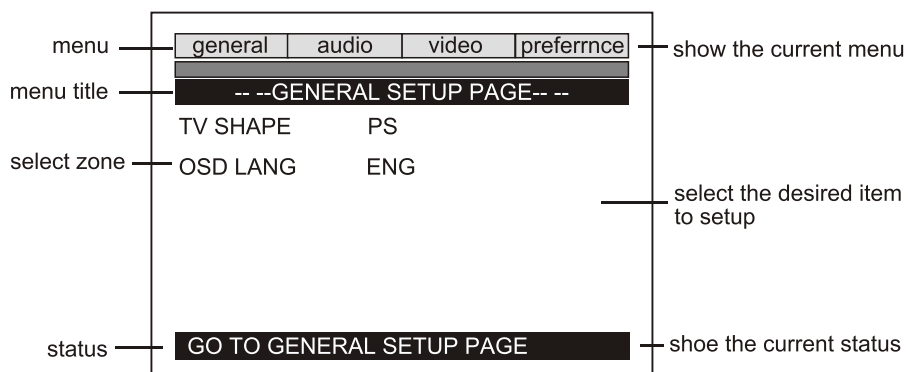
SD SETUP

press SD SETUP to enter into setup page.

move UP/DOWN button to select the desired item.

move LEFT/RIGHT button to select the desired item.

press ENTER button to confirm.



Roofmounting monitor with multi-media player

GENERAL SETUP PAGE

TV SHAPE

if the aspect ratio is 4:3,it is able to show in 16:9.

the image will be compressed horizontallu, if the SD/USB disc system is in 16:9. because low-quality or pirated discs will result in bad effect, please play high quality discs for your pleasant enjoying.

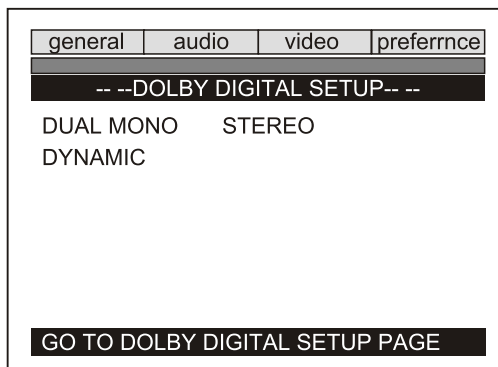
OSD LANGUAGE

OSD language settings.

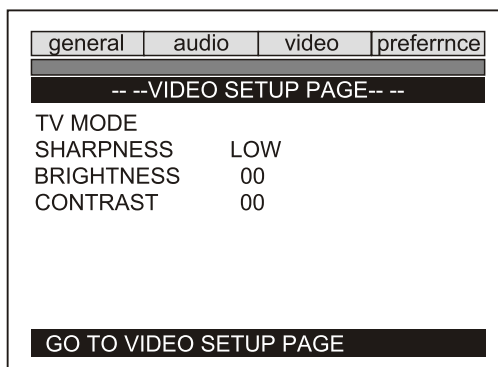
There are Portuguese and Spanish language .

And more language options.

AUDIO SETUP PAGE



VIDEO SETUP PAGE



Roofmounting monitor with multi-media player

PREFERENCE SETUP PAGE

general	audio	video	preference
-- --PREFERENCE SETUP-- --			
TV TYPE	NTSC		
DEFAULT	RESET		
GO TO PREFERENCE SETUP PAGE			

DEFAULT

select default to restore original factory setting.

Roofmounting monitor with multi-media player

TV SETUP

Press MODE button to select TV.

Press MENU button and select "S-ROLOC" item, select TV color system and audio system by pressing CH-/CH+, VOL-/VOL+ to adjust them.

Press MENU button and select "AUTO SEARCH" item. it will automatic search channel.

The cable TV program can be watched after it finish search.

Press CH-/CH+ to select TV channel.

Press VOL-/+ to adjust volume.

Voice mode choice: D/K B/G I M N.

Color mode choice: PAL NTSC SECAM PAL/M PAL/N.

TROUBLE SHOOTING

NO SOUND OR BAD SOUND EFFECT

Please check if cables are connected properly.

Please check audio shift setup.

Please adjust the receiving frequency to harmonized with the transmitting frequency.

NO PICTURE

Check if cables are connected properly.

Video input is no t yet set up correctly.

The monitor is ON OR OFF.

POOR PICTURE

The color is not properly adjusted, please operate the remote controller to adjust it.

The disc is scratched spotted.

THE REMOTE CONTROL DOES NOT WORK PROPERLY

There is an obstacle in the path of the remote control and unit.

Remove the obstacle, check if remote control point to receiver or not.

The batteries in the remote control are exhausted. Replace the batteries with new ones.

NOTE: please contact with the dealer or approved service center help if the troubles can't be solved by the methods offered.

Roofmounting monitor with multi-media player

TECHNICAL SPECIFICATIONS

panel	TFT-LCD
screen size	9 inch (16:9)
pixel	768xRGBx234
temperature	operation temperature -10°C to +55°C,
temperature	storage temperature -30°C to +70°C.
backlight	LED
brightness	350cd/m2
color system	PAL/NTSC/AUTOMATICALLY
media type	MP3,MPEG1/2/4,WMA,JPEG,DIVX...
memory cards	SD
USB	USB2.0
audio S/N	>80DB
ISOLATION	>65DB
audio input/output	1.6V+/-20%
video input/output	1Vp-p+/-20%/750hm
power supply	DC 12V
power consumption	<=12W
product dimension	215*240*55MM
FM frequency	87.7MHZ to 89.1MHZ
IR frequency	A 2.3-2.8MHZ B 3.2-3.8MHZ (optional)
TV color system	PAL NTSC SECAM (optional)
TV audio system	B/G D/K I/H M N
product N.W	1.3kg

your attention please:

the design and specifications are subject to change without notice.

CHECKING THE ACCESSORIES

remote controller	1
user's manual	1
rubber pillow	6